

and the fixed platen as a target platen position value and generating a target mold clamping force value; and

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Con'd.
a mold clamping control unit for calculating a position deviation and a mold clamping deviation, the position deviation being a deviation between the target platen position value and the detected platen position, the mold clamping deviation being a deviation between the target mold clamping force value and the detected mold clamping force, said mold clamping control unit being configured to selectively control a mold clamping motor based upon one of the position deviation and the mold clamping deviation.

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10. (Amended) A mold clamping control device as claimed in Claim 2, wherein the relative position between the movable platen and the fixed platen is a platen position, the control command value for the motor which is corresponding to the platen position is defined as a first control command value for the motor, and the control command value for the motor which is corresponding to the mold clamping force is defined as a second control command value for the motor, and wherein said mold clamping control unit produces the first control command value for the motor as a motor control command from a beginning of the injection of the molten resin until a position of the screw reaches a predetermined position and produces the second control command value for the motor as the motor control command after the position of the screw reaches the predetermined position, said mold clamping control device further comprising a motor control unit for drivingly controlling the mold clamping motor according to the motor control command.

11. (Amended) A mold clamping control device as recited in Claim 3, wherein

the relative position between the movable platen and the fixed platen is a platen position, and wherein the mold clamping control unit produces the first control command value for the motor as a motor control command from a beginning of the injection of the molten resin until a position of the screw reaches a predetermined position and produces the second control command value for the motor as the motor control command after the position of the screw reaches the predetermined position, said mold clamping control device further comprising a motor control unit for drivingly controlling the mold clamping motor according to the motor control command.

12 (Amended) A mold clamping control device as claimed in Claim 4, wherein

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cont. the relative position between the movable platen and the fixed platen is a platen position, the control command value for the motor which is corresponding to the platen position is defined as a first control command value for the motor, and the control command value for the motor which is corresponding to the mold clamping force is defined as a second control command value for the motor, and wherein said mold clamping control unit produces the first control command value for the motor as a motor control command from a beginning of the injection of the molten resin until a position of the screw reaches a predetermined position and produces the second control command value for the motor as the motor control command after the position of the screw reaches the predetermined position, said mold clamping control device further comprising a motor control unit for drivingly controlling the mold clamping motor according to the motor control command.

13. (Amended) A mold clamping control device as claimed in Claim 5, wherein the relative position between the movable platen and the fixed platen is a platen

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position, the control command value for the motor which is corresponding to the platen position is defined as a first control command value for the motor, and the control command value for the motor which is corresponding to the mold clamping force is defined as a second control command value for the motor, and wherein said mold clamping control unit produces the first control command value for the motor as a motor control command from a beginning of the injection of the molten resin until a position of the screw reaches a predetermined position and produces the second control command value for the motor as the motor control command after the position of the screw reaches the predetermined position, said mold clamping control device further comprising a motor control unit for drivingly controlling the mold clamping motor according to the motor control command.

A copy of the marked up amended claims is attached to this response showing the changes as set forth in amended 37 C.F.R. § 1.121.

REMARKS

Claims 1-26 are pending in the application. By this amendment, claims 1 and 10-13 are amended.

The Office Action rejects claims 10-13 under 35 U.S.C. § 112, second paragraph. The claims are amended to obviate the rejection. Withdrawal of the rejection is respectfully requested.

The Office Action rejects claims 1-26 under 35 U.S.C. § 102(b) as anticipated by Hiraoka (U.S. Patent No. 5,371,450). The rejection is respectfully traversed.

Hiraoka teaches a control unit for an injection molding machine that performs a switching operation between a position feedback control system 41 and a pressure